84957

Z/003/60/054/011/003/005 E112/E453

Vapour-Phase Partition Chromatography of Mixtures of Hydrogen, Paraffins and Olefins, Using the Micro-Flare Detector

Modifications are: Replacement of nitrogen as carrier gas by air. It is claimed to lead to a more perfect combustion of the eluted components and to greater constancy of the length of flame. Lengthening of the flame during elution is held to be responsible for some inaccuracies in the Wirth method, It is also held that the temperature of the flame contributes more to the sensitivity of the method than its length. A schematic arrangement of the chromatographic apparatus is given: Hydrogen, from a cylinder, and air, from a compressor, are reduced to constant The flow of the gases is pressure through diaphragm valves. controlled by a second set of valves and metered through a capillary flowmeter and through drying tubes, filled with magnesium chlorate Air passes through a chromatographic to the heads of the columns. column packed with activated sodium-aluminium silicate (Alusil) and The column is placed in provided with a sample introducing device. an electrically heated furnace, the temperature of which is raised during analysis from 20 to 190°C. Hydrogen passes through a dummy column and is mixed with the carrier gas immediately before Card 2/5

84957 z/008/60/054/011/003/005 E112/E453

Vapour-Phase Partition Chromatography of Mixtures of Hydrogen, Paraffins and Olefins, Using the Micro-Flare Detector

Details of detector construction are given, Several variables in flare design were considered. Best results were obtained with a platinum capillary with a bore of 0.20 to 0,28 mm. (Wirth uses stainless steel.) The effects of ratios of hydrogen to carrier gas on the sensitivity of the method was studied. Higher hydrogen contents in the gas mixtures give higher base lines and more complete combustion. Lower base lines. however, show better peak characteristics. The author has established experimentally that best results were obtained with a hydrogen flow rate of 0.45 ml/sec for an air flow of 0.35 ml/sec, Under these conditions, the basis temperature of the flame, determined by the thermocouple at a distance of 8 mm from the tip of the flame, amounted to 400°C. Different types of thermocouples were considered, Iron-constantan was found the most promising. However, owing to rapid oxidation of the iron wire. variations in the constants of the thermocouple were experienced, Attempts to improve the thermocouple stability are described. Sealing into a thin-walled glass capillary failed, owing to Card 3/5

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Z/008/60/054/011/003/005 E112/E453

Vapour-Phase Partition Chromatography of Mixtures of Hydrogen, Paraffins and Olefins, Using the Micro-Flare Detector

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excessive thermal inertia. Similar, not quite satisfactory results were obtained with copper-constantan. Best results were finally achieved by applying a silicone protective coating to iron \( \) Response to different types of thermocouples was tested by following the partition chromatogram of hydrogen-methane mixtures and results are presented graphically, The superiority of silicone-coated iron-constantan is clearly demonstrated. of the chromatographic partition of hydrogen, paraffins and olefins from C1 to C6 - the object of the present study - are tabulated, using the micro-flare detection and comparing to detection by the gas density balance method. A very good agreement between the results by both methods was established. The method permits the determination of hydrogen in the presence of hydrocarbon mixtures. No oxidation of the hydrocarbons by the carrier gas (air) was noticed even when the temperature of the chromatographic column was raised to 190°C. Results are based on 10 determinations and showed good reproducibility, Acknowledgments to Engineer J. Janak, Gas Analysis Laboratory. CSAV, Brno, for supplying data Card 4/5

Burry

2/008/60/054/011/003/005

Vapour-Phase Partition Chromatography of Mixtures of Hydrogen. Paraffins and Olefins, Using the Micro-Flare Detector

on the design of flame detector. a schematic arrangement of the chromatographic apparatus, a drawing of the cross section of the detector, the electrical circuit diagram and 2 graphs), 2 tables and 5 references. 2 Czech and

ASSOCIATION: Stalinovy závody, n.p., Záluží v Krusných horách (Stalin Works, Záluží)

November 17, 1959

Card 5/5

BARENBOYM, A.M., kand. tekhn. nauk; GALIYEVA, T.M., inzh.; GINZBURG, D.B., prof.; GRISSIK, A.M., inzh.; ZIMIN, V.N., dots.; KUSYAK, V.A., kand. tekhn. nauk; RUTMAN, E.M., inzh.; KHODOROV, Ye.I., kand. tekhn. nauk; CHIZHCKIY, A.F., kand. tekhn. nauk

[Heat calculations for furnaces and dryers of the silicates industry] Teplovye raschety pechei i sushilok silikatnoi promyshlennosti. Izd.2., perer. i dop. Moskva, Stroitzdat, 1964. 495 p. (MIRA 17:12)

KIS FAFKULOVA 1. 5% ORAZHETOV, Z.; GORELKIN, L.M.; POTYAYEV, M.Ye.; ZARUDI, Ye.O., metodist; MITRIEV, V.S.: VASIL YEV, A.V.: CORSHENKOV, H.G.: RUTKOVSKIY, O.O.; KUSYAPKUIOVA, T.Sh. Letters to the editors. Geog. v shkole 22 no.2:72-76 Hr-Ap 159. (HIRA 12:6) 1. 1-ya shkola pos. Ardreyevka Turkmenskoy SSR (for Oraznetov). 2. Shkola pri shakhte No.11 Karachayevskogo rayona Stavropol'skogo kraya (for Gorelkin). 3. Andreyevskaya semiletnyaya shkola Penzenskoy oblasti (for Potyayev). 4. Bashkirskiy institut usovershenstvoveniya uchiteley (for Zarudi). 5. Rayonnyy pedagogicheskiy kabinet s. Kich-Gorodok Vologodskoy oblasti (for Miteney). 6. Alekseyevskaya shkola Stalingradskey oblasti (for Vasil'yev). 7. Yakhromskaya shkola No.2 Mos'covskoy oblasti (for Gorshenkov). 8. 4-ya shkola g.Alma-Ata (for Rutkovskiy). 9. 64-ya shkola g.Alma-Ata (for Kusyapkulova). (Geography -- Study and teaching)

L 26505-66 EWP(m)/EWT(1) GS

ACC NR: AT6008147

UR/0000/65/000/000/0072/0080 36

AUTHOR: Saykovskiy, M.I.; Dorfman, A.Sh. (Candidate of technical sciences); Didenko, O.I.; Kusyuk, A.I.; Stepanenko, A.P.

ORG: None

TITLE: Results of aerodynamic investigation of the compressor intake on models and in full scale

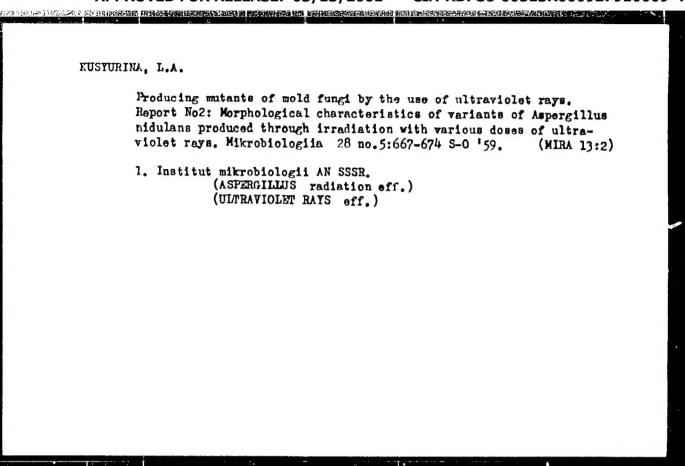
SOURCE: AN UkrSSR. Techeniya zhidkostey i gazov (Plows of liquids and gases) Kiev, Naukova dumka, 1965, 72-80

TOPIC TAGS: compressor design, aerodynamic test, test model

ABSTRACT: The paper describes scale model and full scale aerodynamic tests on compressor intakes. Rigidly oriented 3-channel total pressure tubes installed in a rotatable ring were used to measure the flow turning angle, velocity, and total air pressure. Schematics of the compressor intake are shown. The energy loss coefficient,  $\xi$ , of the intake was calculated from the average loss of total pressure,  $\Delta_0$ , the average ram density,  $\rho$ , the average normal velocity,  $v_n$ , and the compressibility correction factor  $\delta$  ( $\delta = 1 - M^2/4$ ) using:  $\xi = 2\Delta/\rho_0 \cdot v_n$ . (1) Conditions and measurement results are given for 12 design variants. All variants show a fairly uniform distribution of velocities over the cross sections. Losses are comparatively low in all variants, somewhat

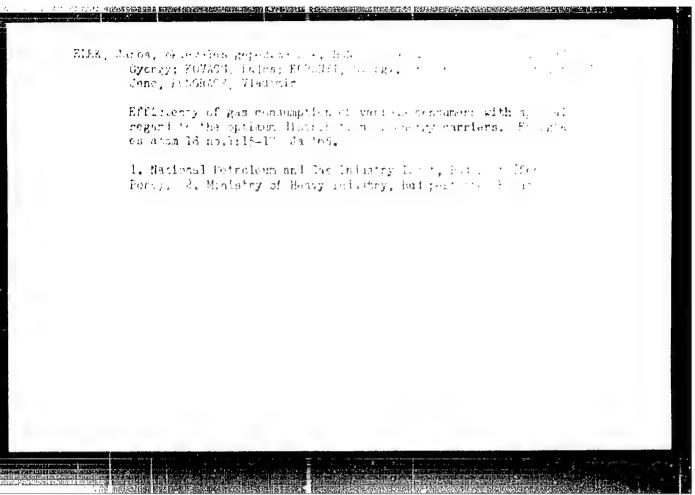
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sor intake axial dime have indic	design nsions ated a	ign with a diagonally dispose are discussed, among them the so as not to increase unduly sufficiently close correspondents with the full scale data.	e necessity to have adequa the curvature at flow bend ence of the flow rotation	te overall s. Model tests angles and ve-
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22372-(6 ENP(e) IJP(c) HW/TA SOURCE CODE: F0/0045/65/028/004/0491/0497 ACC NR: AP6009605 49 B AUTHOR: Sujak, B.; Kusz, J. ORG: Laboratory for Induced Electron Emission, Institute of Experimental Physics, Wroclaw University; Department of Experimental Physics, Pedagogical College of Opole 21, 44,3 TITLE: Field-excited (exo)electron emission from Rochelle salt crystals Acta physica polonica, v. 28, no. 4, 1965, 491-497 SOURCE: TOPIC TAGS: electron emission, barium titanate, Rochelle salt, electron polarization, surface ionization ABSTRACT: (Exo)electron emission excited by an externally applied electric field was found to occur from crystalline Rochelle salt specimens and from ceramic samples of the type of barium titanate & Subsequent to polarization in a sufficiently intense electric field, a Rochelle salt specimen becomes a source of excelectrons without requiring light stimulation. The lowest polarizing voltage  $U_{\mathcal{D}}$  at which excelectrons begin to be recorded definitely depends on the crystallographical plane parallel to which the specimen has been cuc. Up is lowest in specimens cut parallel to the plane (100). Its value, as Cord 1/2

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ell as the vari	lations in the records	d intensity o	f exoclectron	77
mission, depend	i markedly on the prev	ious history	of the specim	en. The
esults make it onization of th	highly plausible that ie gas wherein the sam	ple is immers	ed. Orig. ar	t. has:
figures and 3	formulas. [Based on	author's abst	ract]	[KS]
UB CODE: 20/	SUBM DATE: 09Har65/ SOV REF: 002/	ORIG REF:	002/ 01	
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#### CIA-RDP86-00513R000927910009-4 "APPROVED FOR RELEASE: 03/13/2001

5/644/62/655/506/649/127 B156/B112

12 1510 3122042 MALMORJ:

Zelazny, R., Kuszel, A., Mika, J.

TITLE:

Solution of the one-velocity Boltzmann equation with firstorder anisotropic scattering of neutrons in plane geometry

FERIODICAL: Referativnyy zhurnal. Matematika, no. 6, 1962, 96, abstract 62406 ([deferat ] Inst. badan jadrow. PAN, v. 9, no. 216, 1961)

IDAL: The Keys method of solving one-velocity transfer equations is plied to the case of anisotropic scattering. The case of a linear scattering indicatrix is examined in detail. The solution if sought by be parating the variables. To find the unknown functions, the parameters of the solution, a system of two singular integral equations is set up. Systems of orthogonal functions of an angular variable are studied in detail and used for solving the problem. In conclusion, an example of the solution to the problem of finding the reflection factor of a semispace is given. It is stated in this article that the algorithm developed here quan also be applied to the case of a more complex scattering indicatrix. [Abstractor's note: Complete translation.] 0urd 1/1

POLAC ZEK, Lucyna, mgr; KUS ZC ZAK, Halina; FISCHHOF, Kazimiera

Method of determining ethyl flavono-7-hydroxyacetate and some possible impurities from its synthesis. Chem anal 9 no.2: 275-281 '64.

1. Zaklad Analityczny, Instytut Farmaceutyczny, Warszawa.

KUSZELEWSKI, Leszek

Studies on the use of manure. Pt. 3. Rocz nauk roln rosl 87 no.2:251-287 163.

l. Katedra Chemii Rolniczej, Szkola Glowna Gospodarstwa Wiejskiego, Warszawa.

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#### KUSZELEWSKI, Leszek

Studies on manuring. Pt. 4. Rocz nauk roln rosl 86 no.4:543-572 '62.

l. Katedra Chemii Rolniczaj, Szkola Glowna Gospodarstwa Wiejskiego, Warszawa.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927910009-4"

## KUSZELEWSKI, Leszek

Studies on manure application. Pt.2. The influence of the methods of application of manure in the cultivation of potatoes. Rocz nauk roln rosl 81 no.3:577-619 '60. (EEAI 9:10)

1. Zaklad Chemii Rolniczej Szkoly Glownej Gospodarstwa Wiejskiego w Warszawie. Kierownik: Prof. dr. M.Gorski. (Poland--Fertilizers and manures) (Poland--Potatoes)

KUSZELEWSKI, Leszek; PENTKOWSKI, Andrzej

Properties of manure submitted to methane fermentation in the light of pot tests. Rocz nauk roln rosl 82 no.3:715-737 '61.

1. Katedra Chemii Rolniczej, Szkola Glowna Gospodarstwa Wiejskiego, Warszawa i Pracownia Metodyczno-Nawozowa, Instytut Uprawy, Nawozenia i Gleboznawstwa, Warszawa; Kierownik: prof. dr. M. Gorski.

27319

P/046/60/005/011/008/018

D249/D303

2/./00°
AUTHORS:

Kuszell, Antoni, and Mika, Janusz

TITLE:

Thermsl utilization factor for a water-graphite

moderated lattice

PERIODICAL: Nukleonika, v. 5, no. 11, 1960, 743 - 754

TEXT: One— and two-group calculation methods of the thermal utilization factor for a heterogeneous reactor are discussed and compared. The standard two-group method is presented in a modified form by considering a non-zero neutron current at the boundary of the cell. The purpose of the work was to investigate a reactor design with a specified fuel element goemetry. The problem was approached by introducing a simplified geometry of the fuel element and treating it as a homogeneous system using the Seitz-Wigner method. The one-group theory expression for the thermal utilization factor is shown for the case of cylindrical symmetry of the cell. It is pointed out that in order to avoid difficulties of evaluating the

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Thermal utilization factor ...

different thermal source densities of thefuel and of the moderator, one can assume the fast neutron flux as constant throughout the cell. Under this assumption it is possible to evaluate the ratio of the slowing-down powers of the fuel and moderator in terms of their known neutron scattering properties. The equations of the two-group theory are presented for cylindrical symmetry and a solution is given for a system with infinite number of identical cells. By assuming the multiplication constant K a variable parameter, the thermal utilization factor for a system of finite number of cells is obtained. It is stated, that the calculations considered so far imply an assumption of a zero neutron flux at the boundary of the cell. The authors present a calculation method based on assumption of a finite flux, and express the thermal factor in terms of a single-parameter. The latter is evaluated by means of the semi-empirical Gurevich-Pomeranchuk formula (Ref. 5: A.D. Galanin, Teoriya yadernykh reaktorov na teplovykh neutronakh, Moskva (Theory of Thermal Neutron Nuclear Reactors, Moscowy, 1957) and Jeutsch's formula (Ref. 3: Reactor Physics Constants, ANL 5800). Finally the

Card 2/5

27319 P/046/60/005/011/008/018 D249/D303

Thermal utilization factor ...

two-group theory is improved by including the age-diffusion corrections. Numerical calculations were performed for RFT fuel elements consisting of six concentric tubes of aluminum and uranium oxide (U235 90 % enriched) ceramics cl. !ded with aluminum, the whole surrounded by graphite, (Fig. 1) and water as coolant flowing through the space between the tubes. At the center of the element, there is an experimental channel filled with air. The results are presented in Table 2. In conclusion the authors remark that the remarkable consistency of the results obtained by different methods is implied by the characteristic properties of the system considered, and more significant deviations should be expected for a system with a more strongly absorbing moderator and with a smaller ratio of volumes of the fuel and the moderator, i.e. for smal-ler values of the thermal utilization coefficient f. There are 2 figures, 2 tables, and 6 references: 1 Soviet-bloc and > non-Soviet -bloc. The 4 most recent references to the English-language publications read as follows: A.C. Clark, D.A. Newmarch, AERE RP/R, 1657; Reactor Physics Constants. ANL 5800; R.L. Murray, Nuclear Card 3/5

:"你会会的种种方面,因为是他的种种。我们,你就就就是接到的基础的的在的通道,但我们的经验,我们就会完全的的。" "

27319 P/046/60/005/011/008/018 D249/D303

Thermal utilization factor ...

Reactor Physics. Prentice Hall, 1957; H. Ritz, "Nucleonik" 1, no. 5, 175, 1959.

SUBMITTED: September, 1960

Fig. 1.

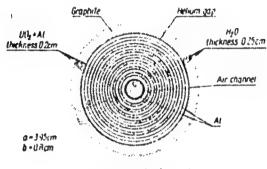


Fig. 1. Fuel element

Card 4/5

ZELAZNY, R.; KUSZELL, A.

Milne's problem for two adjacent half spaces. Bul Ac Pol mat 9 no.3:217-220 '61.

1. Institute of Nuclear Research, Polish Academy of Sciences, Warsaw, and Institute of Theoretical Physics, University, Warsaw. Presented by L. Infeld.

## ZELAZNY, R.; KUSZELL, A.

Milne's problem for two adjacent half spaces. Bul &c Pol mat 9 no.3:219-220 \*61.

1. Institute for Nuclear Research, Polish Academy of Sciences and Institute of Theoretical Physics, Warsaw University. Presented by L. Infeld.

(Spaces, Generalized)

5/044/62/000/006/048/127 B156/B112

24.6500

AUTHORS:

Zelazny, R., Kuszell, A.

TITLE:

A special model of a two-group approach in neutron

transport theory

PERIODICAL:

Referativnyy zhurnal. Matematika, no. 6, 1962, 96, abstract

6B404 (bull. Acad. polon. sci. Ser. sci. math., astron. et

phys., v. 9, no. 6, 1961, 461-466)

TEXT: A method is proposed for solving the equation for neutron transfer, which is confined to the two-group method. It is assumed that the free path lengths do not depend on the number of the group. A solution to the problem is sought using a Fourier transformation of a geometrical variable. The result is to reduce the problem to solving a system of integral equations for functions depending only on an angular component. When a system of eigenfunctions has been found, the solution to the problem is written in the form of a Neumann series. Various applications of the method are discussed, the most interesting of them being the results of solving the Milne problem in a two-group approximation and of solving the

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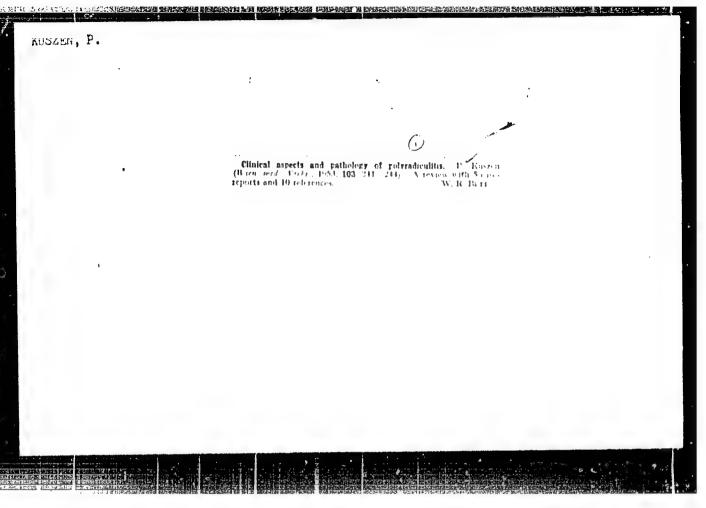
3/044/62/000/006/048/127
A special model of a two-group ... 3156/B112

protlem of the critical dimensions of a reactor in the form of an infinite layer. [Abstracter's note: Complete translation.]

KUSZEIL, A.

The critical problems for multilayer slab systems. Acta physica Pol 20 no.7:567-589 161.

1. Institute of Nuclear Research, Polish Academy of Sciences, Warsaw.



APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927910009-4"

BILOWICKA, Maria; LIBISZOWSKA-STANIUL, Maria; KUSZEMSKI, Bogdan;
SZELEZYNSKI, Kazimierz

Gombined treatment of pulmonary tuberculosis with streptomycin and isoniasid. Gruslica 24 no.1:41-47 Jan 56.

1. Z Kliniki Ftysjatrycznej Akademii Medycznej w Gdansku Kierownik: prof. dr. M. Telatycki, Praca zlecona przez Instytut Gruzlicy, Gdansk, ul. Debinki ? a. Klinika Ftysjatryczna.

(TUBERCULOSIS, PULMONARY, ther.

streptomycin & isoniazid.)

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tuberc., pulm., with isoniazid.)

(MICOTINIC ACID ISOMERS, ther. use
isoniazid in pulm. tuberc., with treptomycin.)

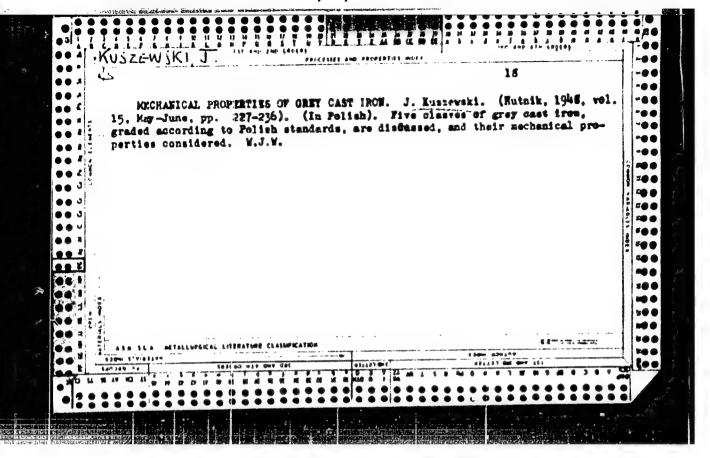
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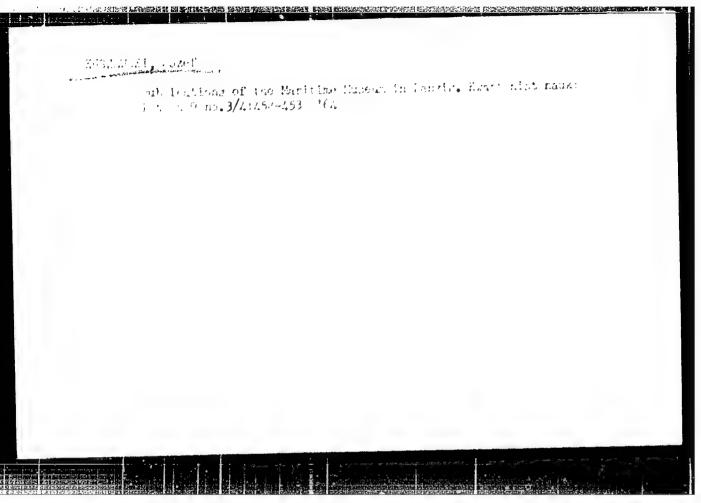
S0: Monthly list of East European Accessions List, (SMAL), LC, Vol. 4, No.11
Nov 1955, Uncl.

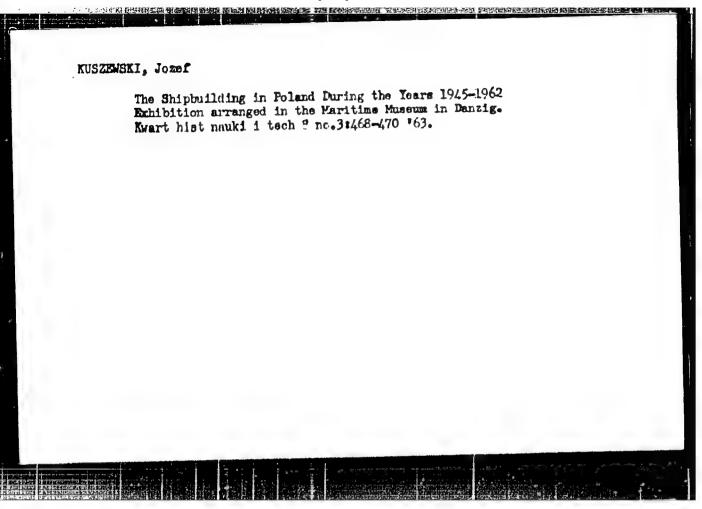


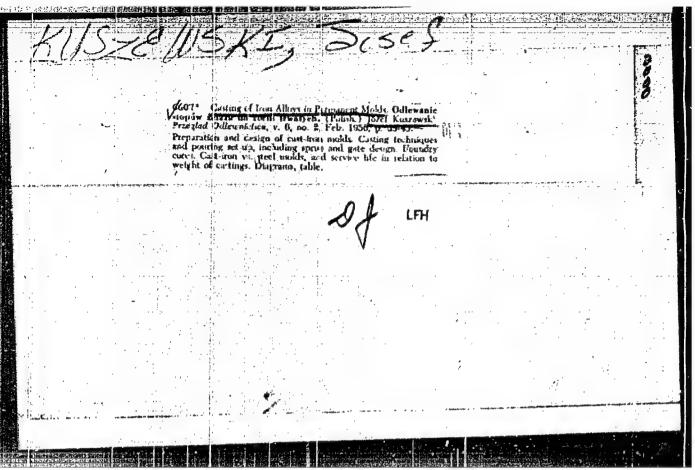
EUNZEMBEL, J.

"Structure and mechanical properties of coat iron in the light of modern atructural diagrams," Frzeglad Odlewnictum, Krakow, Vol 4, Fo 7/8, July/Aug. 1954, p. 205.

30: Fratern Eurogean Accessions List, Vol 3, Ep 11, Epv 1954, 1.0.



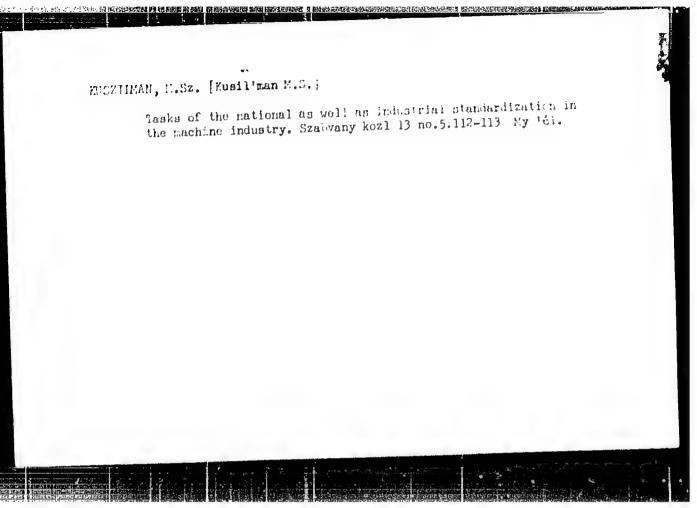




KUSZEWSKI, Zbigniew, inz.

The Oder River during the period 1946-1961. Gosp wodna 22 no.6:243-244 Je '62.

1. Towarzystwo Rozwoju Ziem Zachodnich, Warszawa.



KUSZKA, Werner; MOWAK, Jan

Obtention of naphtalene of the pressed type by the centrifugation method. Koks smola gaz 6 no.6:211-214 161.

1. Zaklady Koksochemiczne, Hajduki

DEKO, Zenon, mgr inz.; KUSZKE, Hubert, mgr inz.

Automatic constant-voltage controlling device for electrostatic precipitators. Energetyka Pol 17 no.11; Suppl.: Energopomiar 9 no.6:37-42 N '63.

1. Pion Elektryczny, Załlad Badan i Pomiarow, Warszawa.

E-glycosides of the sodium alt of sulfanilic acid. Bocs them! 3M no. 1:17-21 \*66.

1. Reparament of Organic Chemistry. S heal of Fedirite. Krukow, Chyloton of Tharmacy.

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3/081/62/000/009/069/075 B160/B101

15.7140

Prostt, Jinos, Kuszmann, Jánosné, Lipovetz, Iván, Nagy, József

Method of making silicone-based heat-resistant and anti-corro-WTHORUS TITLE:

sion varnishes

Referativnyy zhurnal. Khimiya, no. 9, 1962, 633, abstract 9P327 (Eljárás szilikon alapú hőálló szigetelő és PERIODICAL: korrézióvélő lakkok előillítására. Hungarian patent 147714,

October 15, 1960)

TUXT: Silicone resin for heat-resistant and anti-corresion varnishes can be made from polyorgano-siloxane having an R:Si ratio of 1-1.5 and a degree of polycondensation of 10-100, which has been produced from alkyl-, arylor alkyl-aryl alkoxysilane by total hydrolysis in the presence of water and p-toluene-sulfo acid (I). The resin is obtained by the interaction of this with a modified polyalkoxy-oligo-organosiloxane having the general formula  $RC-SiR_1R_2-O$  [- $SiR_1R_2-O$ ] - $SiR_1R_2-OR$ , where R is an alkyl radical with

1-2 atoms of C whilst  $R_1$  and  $R_2$  are saturated or unsaturated hydrocarbon or Card 1/3

3/081/62/200/009/262/275 3160/3101

..ethod of paking silicone-based...

Maryl radicals, n = 2-1. (This organosilecone is obtained by condensation of 4,4 -dialkoxy-oligo-dialkyl- or dialkoxy-oligo-alkyl-arylailoxane with esters of fatty acids containing free hydroxyl groups, 1-5% dicarboxylic noids or their anhydriles being added afterwards to the condensate). Examples: A. Production of silicone resin. (II) 60 r of water are stirred into a mixture of 350 g phenyltriethoxysilane and 1 g I for 3 hours and to led for 2 hours. After the alcohols have been driven off, the reaction lixture is dissolved in toluene and any remaining traces of alcohols are removed; the condensation is then continued in a Marcusson apparatus for 3-2 hours while the reaction mixture is boiled in the presence of 3-4 7 of zinc stearate. B. Production of silicone plasticizer (III). 3) While a minture of 146 % of dimethyldiethoxysilane with 0.5 g of I is being heated in a water bath for 3 hours, 9 g of water are aided; the mixture is kept Leated for a further 2 hours and the alcohol driven off. . Tetramethyldiethoxy-disiloxane is obtained. b) A mixture of 44 g of glycerol, 64 g of castor oil and 0.1 g of lead oxide is heated to 250°C in a stream of nitrogen to form a homogeneous mixture. c) The products obtained from (a) and (b) are reacted to, other and the alcohol driven off in a streum of niroges, the temperature being raised from 100 to 200°C in 3 hours. The oily Card 2/3

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rescribed mixture so formed is heated to 230°C; 10.6 g of phthalic anhydride are assed slowly and the temperature is raised to 243-250°C. After cooling, the product is discolved in toluene. C. Condensation of II and III is carried out while boiling the toluene. The toluene solution of the varnish is filtered and evaporated to a resin content of 40%. 600-700 ml of a 40% solution of resin is obtained. [Abstracter's note: Complete translation.]

Card 3/3

VARGHA, L.; TOLDY, L.; FEHER, O.; HORVATH, T.; KASZTEMINER, E.; KUSZMANN, J.; LENDVAI, Sarolta

New sugar derivatives with cytostatic effectiveness. Acta physiol. hung. 19 no.1-4:305-312 '61.

1. Forschunginstitut für die phar azeutische industrie, Budapest, (CARBOHTDEATES pharmacology)
(ANTINEOPLASTIC AGENTS pharmacology)

MUSZMANN, Karoly; VINTER, Endre. dr.

Conditions for practical application of clamping devices for milling machines. Gep 16 no.8:303-311 Ag 164.

1. Disagger Machine Factory, Miskel (for Euszmann). 2. Chair of Mathematics, Technical University of Heavy Industry, Miskele (for Vincze).

H-22 POLAND / Chemical Technology. Processing of Solid

Fossil Fuels.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 78993.

: Kuszniariawicz, N. R. Author

:The Experiments in Preparing Shaped Metallurgical : Not given. Tnst

Coke on a Pilot Plant Scale in the USSR. Title

Orig Pub: Koks, smola, gaz, 1957, 2, No 6, 294-299.

Abstract: Methods of preparation, design of a pilot plant unit and experimental results concerning the preparation of metallurgical coke from weakly coking coals are described. The original coal passes through a breaker, a buffer collector, a worm conveyer over for fast heating to a temperature of plasticity, a cyclon for the soparation from the vapor phase, buffer capacity, a

Card 1/2

40

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00 POLAND / Chemical Technology. Processing of Solid CIA-RDP86-00513R000927910009-Fossil Fuels.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 78993.

Abstract: compressor and an oven for the thermal treatment of the briquets obtained. Data is furnished on physical-mechanical properties of the propared coke as well as data on the characteristic of the resulting liquid and gaseous products.

KUSZTOS, Denes, dr.; KELLER, Laszlo, dr.

Rheography. Orv.hetil. 102 no.6:251-254 5 F'61.

1. Fovarosi Istvan Korhaz, I. Belosztaly.
(HEART physiol)
(BRAIN physiol)

KUSZTOS, Denes, dr.; SARKOZY, Katalin, dr.; VARNAI, Gyorgy, dr.

Amputation of patients with vascular diseases with special reference to surgical risks. Orv.hetil. 102 no.10:454-456 5 Mr 161.

1. Fovarosi Istvan Korhaz, I. Belosztaly.
(AMPUTATION)
(VASCULAR DISKASES PERIPHERAL surg)

KELLER, Laszlo, dr.; KUSZTOS, Denes, dr.

Rogression in diabetes mellitus caused by cerebrevascular insultus. Orv. hetil. 102 no.19:896-898 7 My 161.

、作为文学论·拉斯特的影響和西斯森的教育的特殊的影響等所以那種的。 罗西特利州美国特别的美国特别的美国特别的美国特别的美国的特别的特别的特别的特别的

1. Fovarosi Istvan Korhaz, I Belesztaly, Budapest.

(DIAHETES MELLITUS) (CEREBRAL HEMORRHAGE)

BODROGI, Gy.; KAIMAN, P.; KUSZTOS, D.

On the role of rheocardiography in the determination of single heart phases. Acta med. Hung. 18 no.2:189-196 62.

1. Staatliches Kardiologisches Institut, IV. Medizinische Klinik der Medizinischen Universitat, und I. Innere Abtellung des Istvan-Krankhenhauses, Budapest.
(ELECTROCARDIOGRAPHY)

SZEPLAKI, Sandor, dr.; KUSZTOS, Denes, dr.

Data on the occurrence and pathomechanisms of cor pulmonale and chronic bronchopulmonary disorders according to clinical examination. Orv. hetil. 103 no.29:1349-1354 22 Jl 162.

1. Foverosi V. ker. Szkorvosi Rendelo (Rosenberg hp. u.) EKG. es Istvan Korhaz, I. Belosztaly. (PULMONARY HEART DISEASE statist) (LUNG DISEASES statist)

KUSZTOS, Denes, dr.; KKILKR, Laszlo, dr. FOlo, Joznef, dr.

Rheographic examination of the effect of syncardial massage.

Orv. hetil. 105 no.12:550-553 22 Mr.64.

1. Fovarosi Istvan Korhaz, I. Belosztaly.

#### 

KUSZTOS, Denes, dr.; HAFFNER, Zsolt, dr.

Use of Peripherin-Homburg in circulatory diseases of the brain. Orv. hetil. 105 no.21:991-993 24 My 64

1. Istvan Korhaz, I. Belosztaly es Idegosztaly.

EUGER-MECZHOC, Keroly, dr.; KUSZTOS, Lenes, dr.

Our therapeutic results the Syncardon machine. Orv. metil.
105 no.5242467-2470 27 D \*64.

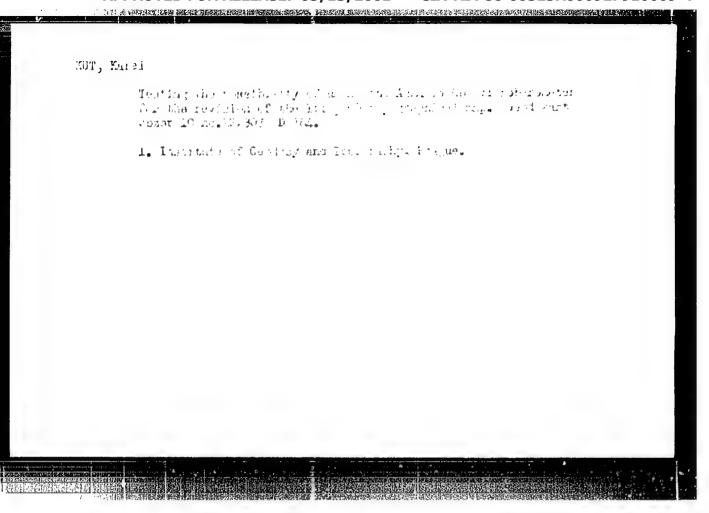
1. Foveros! Istvan Korhaz I. Belosztaly (foorvos: Bugar-Meszaros Karly dr.).

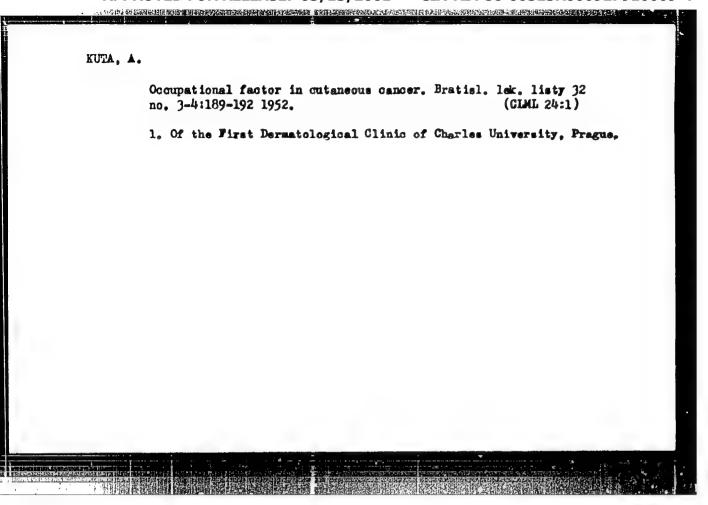
EISK, Jaros, onlevelou gopeosticus; Bulton, leading Gyergy; KCMACC, Tajes, Er GONT, toring, the Strain of the Control of the C

KUSZYMSKI, Wienczelaw, GILEWICZ, Januez

Swelling kinetics of brown coal and pest in pyridine. Hat chemin no.6:26-33 \*62.

1. Katedra Technologii Chemicznej, Uniwersytet im. Adama Michiewicza, Poznah.





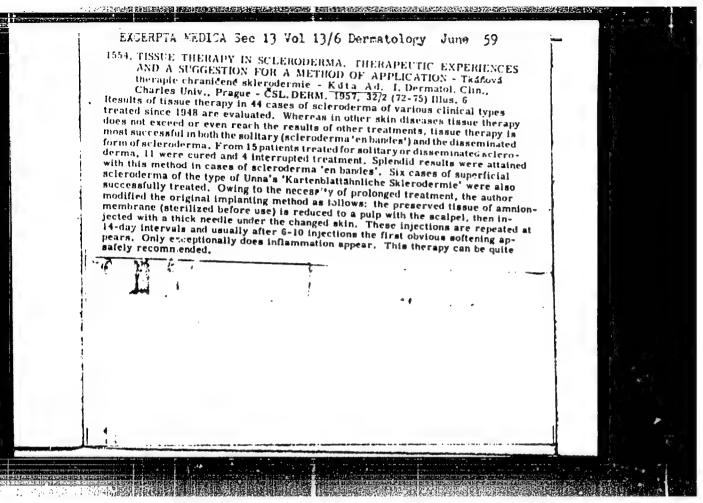
BIAZEK,J., MUDr; CERNY, E., MUDr; KUTA, Adolf, MUDr, asistenti kliniky

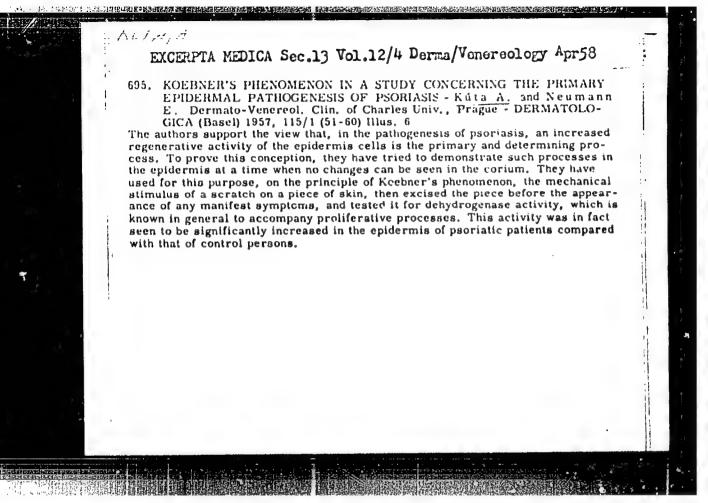
Porokeratosis of Mibelli. Cesk,derm. 31 no.4:185-189 Aug 56.

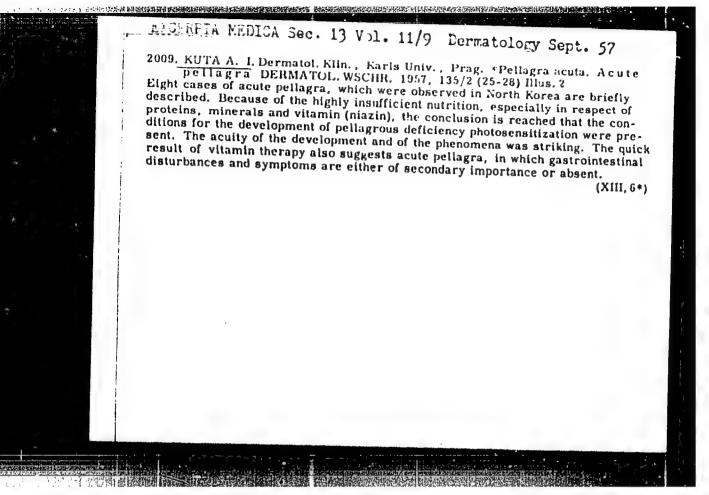
1. Z I. dermatov. kliniky IU (predn. prof. MUDr Karel Qawalowski)

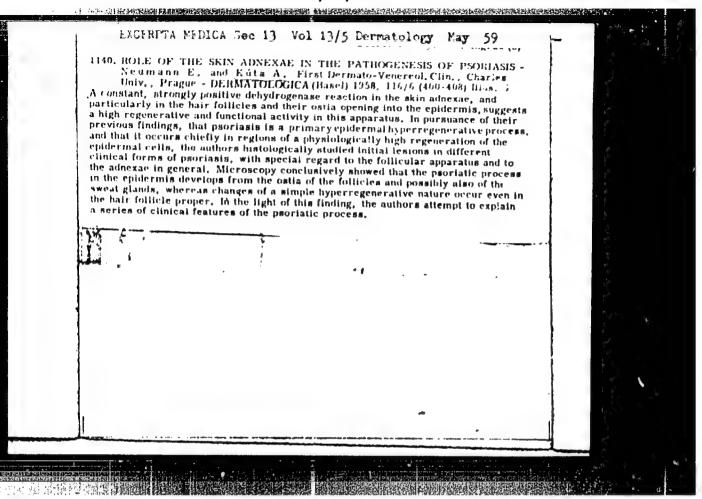
(KERATOSIS, case reports
porokeratosis of Mibelli (Cz))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927910009-4"









KUTA, Adolf

Mibelli's porokeratosis zoniformis. Report of 3 cases and etiopathogenic analysis. Cesk. derm. 34 no.2/3:122-130 Ap 159.

I dermatovenerologicka klinika KU, prednosta prof. dr. K. Gewalowski.
 (SKIN dis)

Lichen ruber plano-pilaris decalvans, resp. debarbans, Contribution to its nosology and therapy and considerations on pseudopelade.

Sborn.lek.62 no.11:315-330 N'60.

1. I. dermatologicka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze, prednosta prof.dr. K. Gawalovski.

(LICHEN PLANUS compl)

(ALOPECIA etiol)

Carcinomatosis cutis teleangiect nc.11:324-326 N'60.  1. I. dermatovenerologicka klini university Karlovy v Prase, pred (SKIN NEOPLASMS case r		klinika fakulty vseob prednosta prof.dr. K	ka fakulty vseobecneho lekarstvi Inosta prof.dr. K.Gawalowski.		
	(CARCINOMA dase r				

KUTA, Adolf

Peroral antidiabetic Tobucin-SPOFA in the treatment of juvenile verruca plana. Cesk. derm. 36 no.6:396-400 '61.

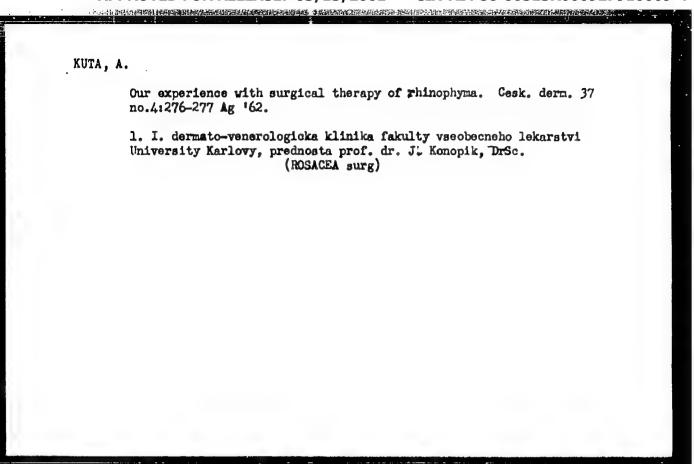
1. I dermatovenerologicka klinika University Karlovy v Praze, prednosta prof. dr. J. Konopik, Dr. Sc.

(PAPILLOMA ther) (ANTIDIABETICS ther)

ERBAK, V.; JILEK, M.; KUTA, Ad.

2 cases of Mibelliks poroketosis (Case report contribution with an etiopatnogenetic inalysis). Cesk. derm. 36 no.1:51-54 F \*62.

1. Dermato-venerologicke oddelenie OUNZ v Rimavskej Sobote, prednosta prim. dr. V. Erbak I. dermato-venerologicka klinika University Karlovy v Praze, prednosta prof. dr. K. Gawalowski. (SKIN discases)

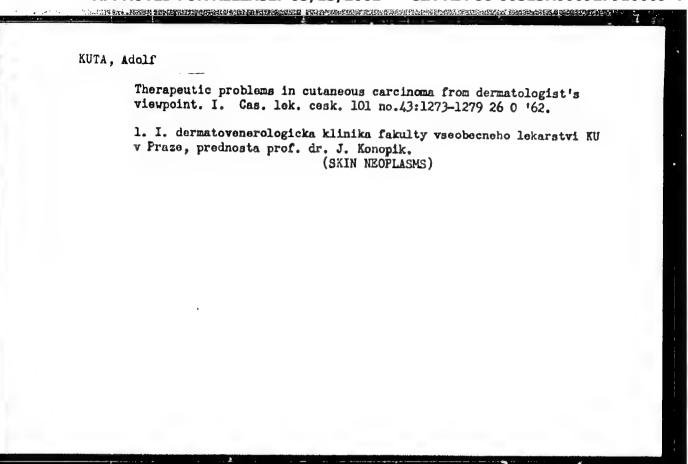


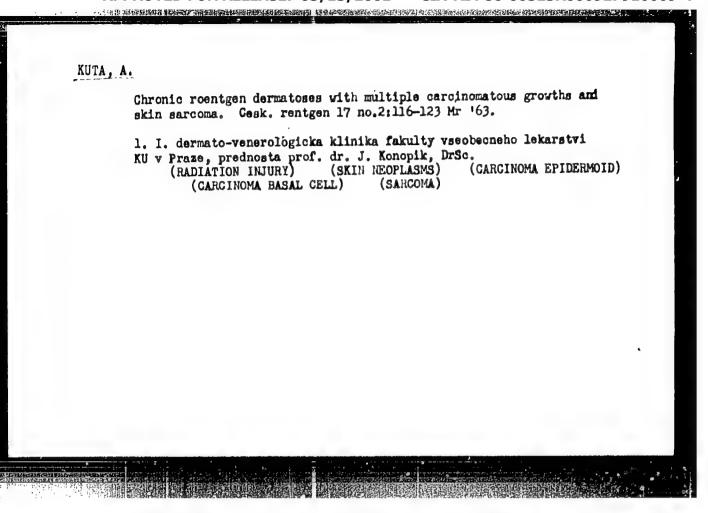
KUTA, Adolf

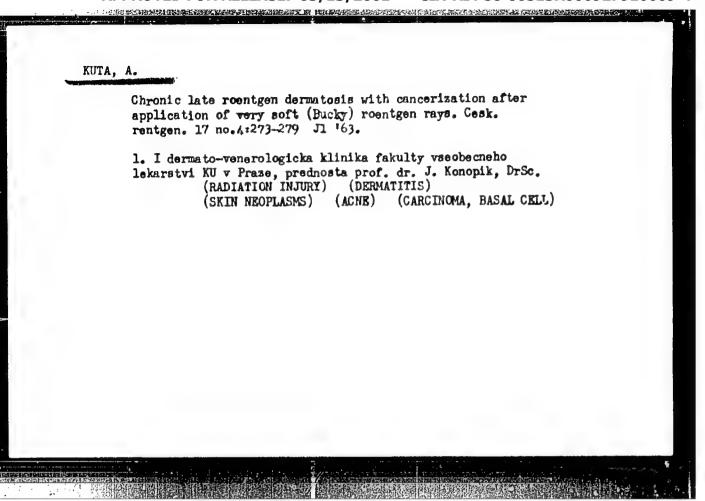
A contribution to the problem of ralignant melanoblastoms. Sborn, lek. 44 no.2:46-56 F 162.

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1. I dermatovenorologicka klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. DrSc. MDr. J. Kenopik. (MalANOMA pathol.)





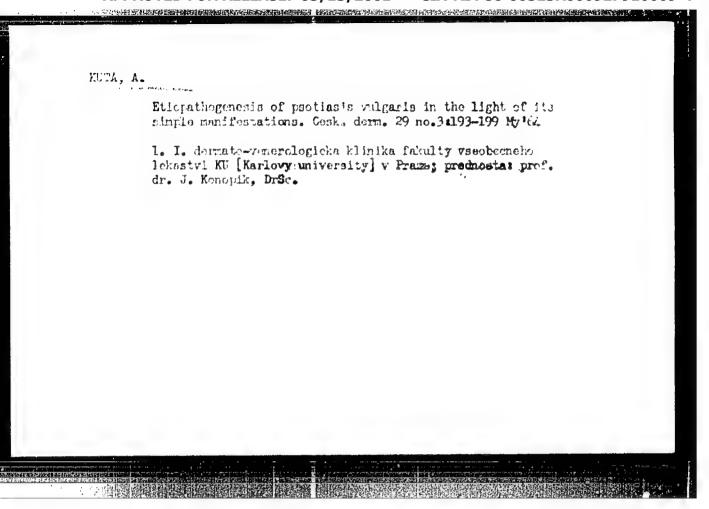


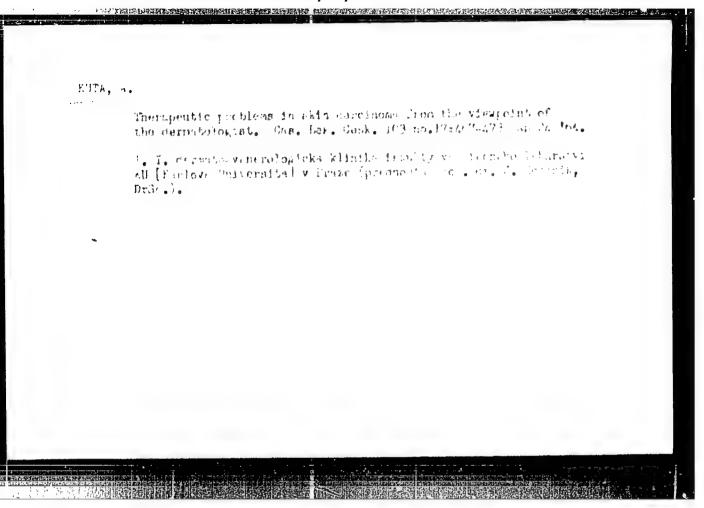
JILEK, M.; KUTA, A.

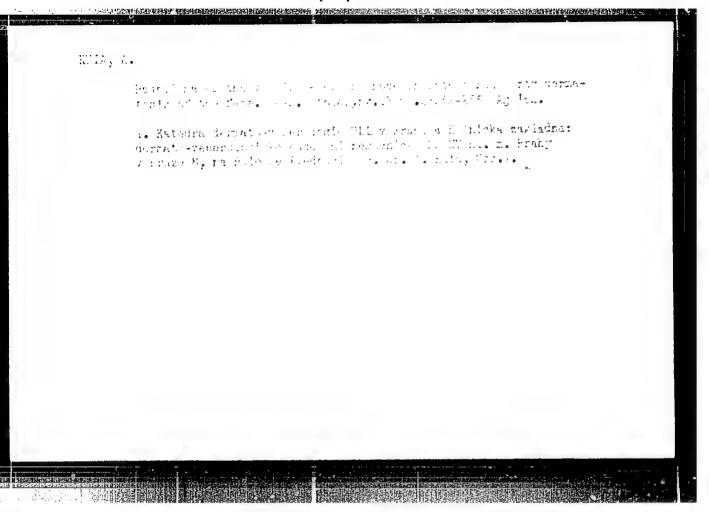
Werner's syndrome. Clinical comparisons in histological picture of skin changes. Sborn. lek. 66 nc.2:55-60 F'64.

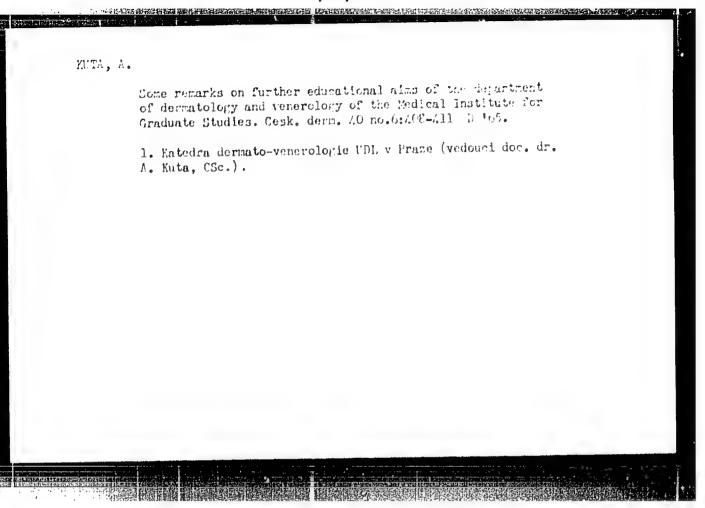
1. I.dermato-venerologicka klinika fakulty vseobecneho lekarstvi University Karlovy v Praze; prednosta: prof.dr. J.Konopik, DrSc.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927910009-4"









#### KULA, F.

Relation between the production of agricultural machinery and agriculture from the point of view of research.

p. 43 (Zemedelske Stroje) Vol 2, no 2, Feb. 1957 Fr ha, Geechoslovskia

SO: Monthly Index of East European Accessions (EEAI) LC, -Vol. 7, No. 1, Jan. 1950

KUTA, I.; EISELT, h., MUDr.; BOJANOVSKY, I.; BOSAK, V.

Sport efficiency and strength in the aged. Cas. lek. cesk. 104

no.13:351-356 2 Ap '65

1. Vyzkumny ustav telovychovny v Praze (reditel: MiDr. E. Eiselt).

KUTA, IA.; SMOLER, I.

Instantaneous polarographic currents. III. i-t curves of the diffusion current with a high concentration of amalgam-forming depolarizers.

Coll Cz chem 26 no.1:224-229 Jz 161. (EEAI 10:9)

1. Poliarograficheskiy institut, Chekhoslovatskaya Akademiya nauk, Praga.

(Polarograph and polarography) (Diffusion)
(Depolarizers)

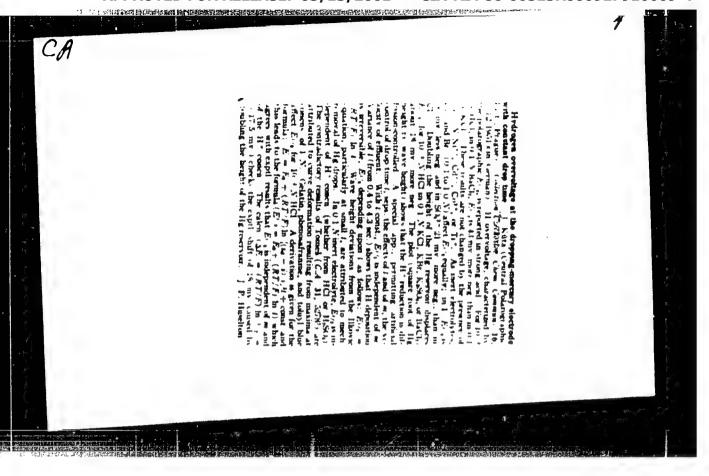
#### CZECHOBLOVAKIA

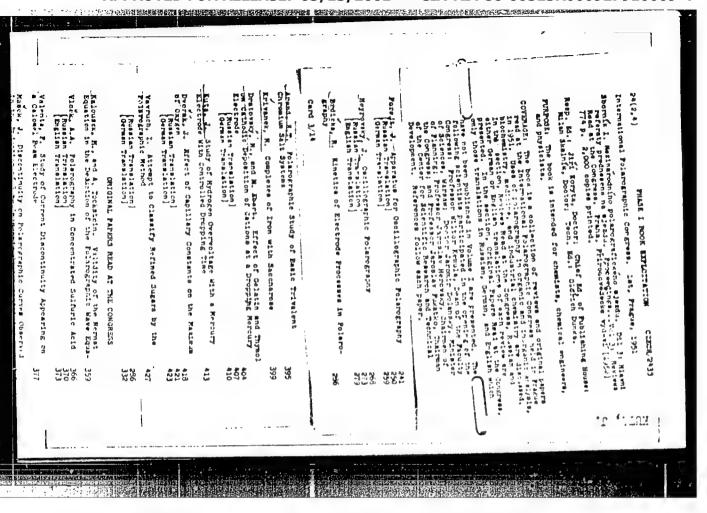
### BRANICA, M: KUTA, J

1. Department of Physical Chemistry, "Ruder Roskovio"
Institute, Zagreb, Yugoslavia - (for 1) 2: J. Heyrovsky
Institute of Polarography, Gsechoslovak Academy of
Sciences, Prague - (for 1)

Prague, Collection of Csechoslovak Chemical Communications, Ho 7, July 1966, pp 2833-2840

"Polarographic study of reduction and dismutation of uranium in aqueous solutions of scotylacetone."

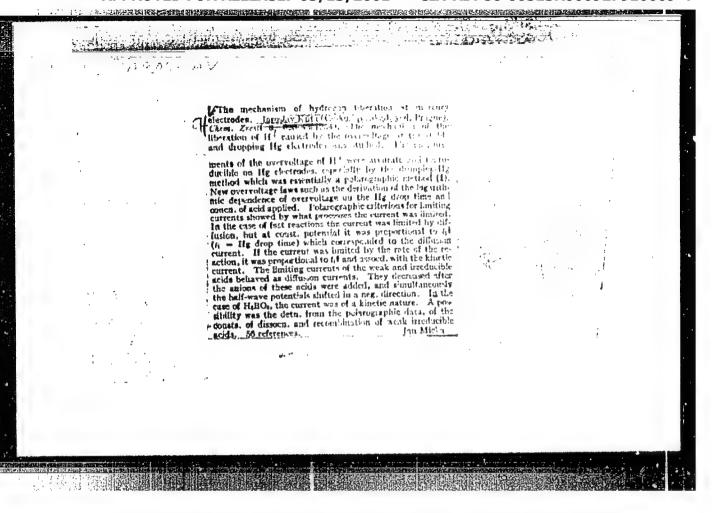


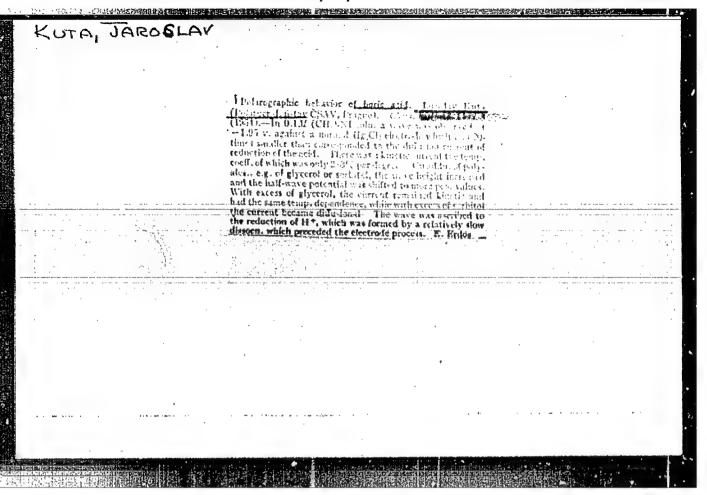


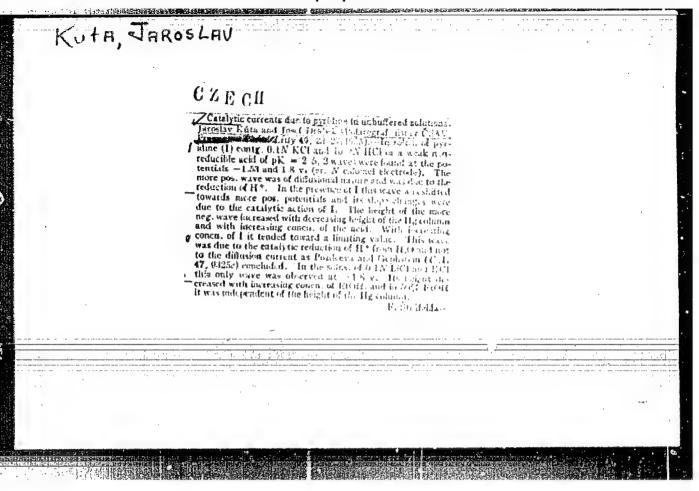
KUTA, J., RHA,J., HOVAK, J.

"Contribution to the Pelarographic Determination of Manganese and Iron" p. 649, (CHEMICHE LICTY, Vol. 47, no. 5, May 1953, Praha, Czecieslovskia).

CO: Monthly List of East European Accessions, IC, Vol. 2, No. 11, Nov. 1953, Uncl.







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KUTA, J.

GEOGRACI CVALITA

No academic degree indicated

Polarographic Institute, Czechoslovak Academy of Sciences (Polarographisches Institut, Tschechoslowakische Akademie der Wissenschaften), Prague

Prague, Collection of Czechoslovak Chemical Communications, vol 27, No 10, Oct 62, pp 2349-2364.

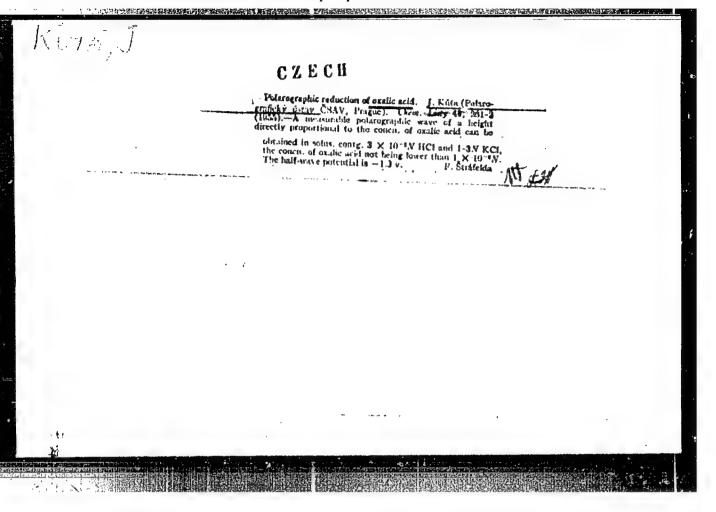
"Influence of Surface-Active Substances on Polarographic Currents VI. Komentary Currents and Gradated Formations in Some Reversible Systems in the Presence of Rapidly Absorbed Charged and Uncharged Surface-Active Substances."

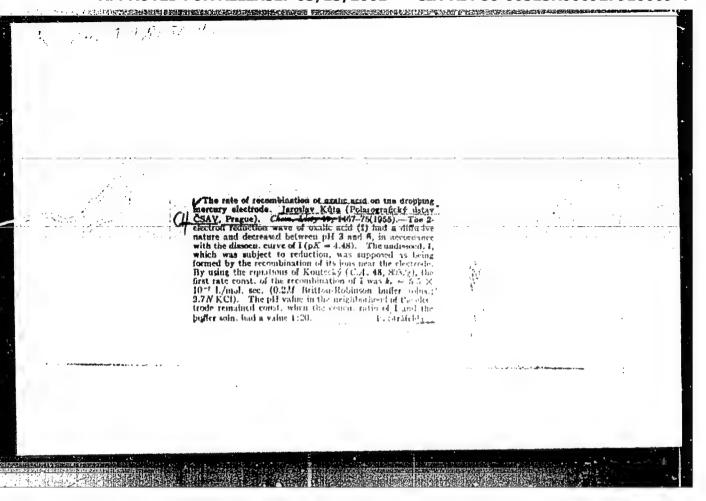
Co-author:

SMOLER, I., Polarographic Institute, Czechoslovak Academy of Sciences (Polarographisches Institut, Temphechoslowakische Akademie der Wissenschaften), Prague

"APPROVED FOR RELEASE: 03/13/2001

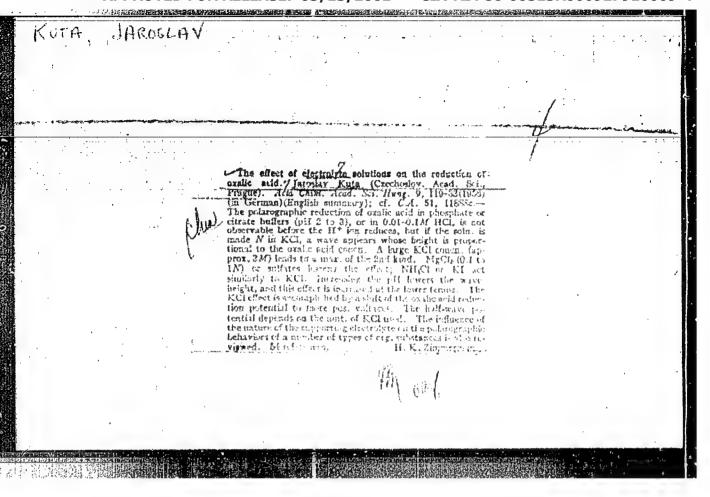
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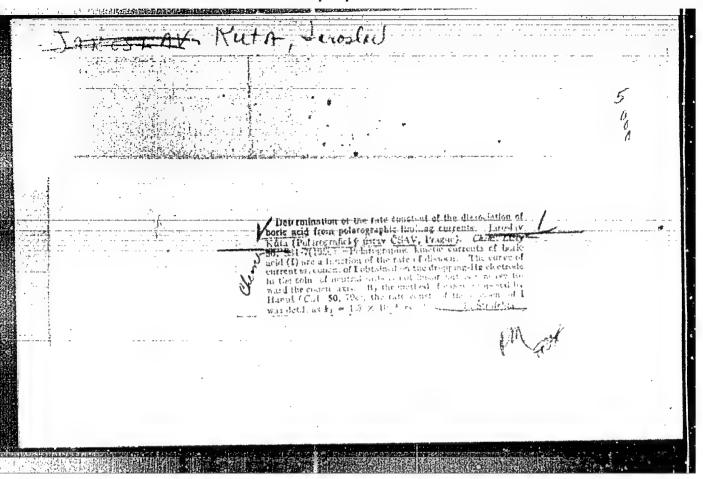


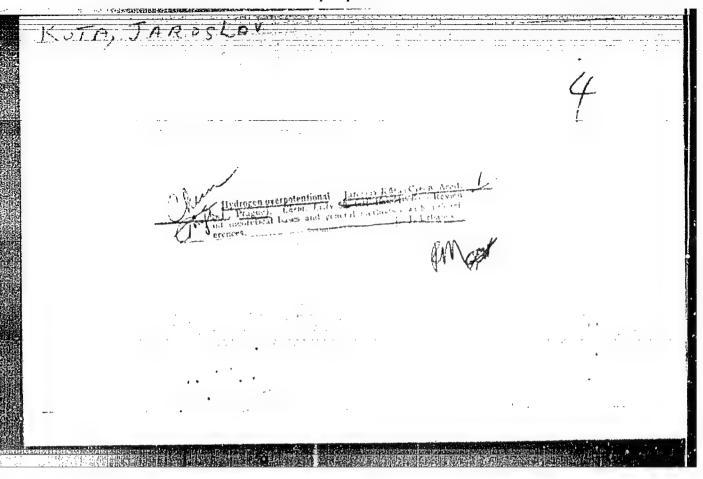


#### "APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927910009-4







Krita, J.

"Determination of the discountion speed constant of buric acid from the polar araphic limiting currents. In German."

p. 141' (Collection of Czechoslovak Chemical Communications. Vol. 22, no. 5, Oct. 1957, Frana, Crechoslovakia.)

Fontaly Index of East European Accessions (EEA1) 10, V.1. 7, no. 7, July 1988

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BUTH, SAFISTAR

CZECHOSLOVAKIA/Fhysical Chemistry - Electrochemistry.

B-12

Abs Jour

: Ref Zhur - Khimiya, No 8, 1958, 24330

Author

Inst

Kuta Jaroslav

Title

: Effect of Extraneous Electrolyte on Reduction of Esters

of Oxalic Acid.

Orig Pub

: Chem. listy, 1957, 51, No 4, 764-766

Abstract

: In continuation of prior researches (RZhKhim, 1955, 42700; 1956, 71313; 1957, 40768) it is shown that on polarographic reduction of diethyl ester, monoethyl ester and their amions, and also of amion of oxalic acid (I) there is observed a shifting of their waves in the positive direction in the presence of polyvalent cathions (Al3+, La3 +, Ca2 +, Ba2+). In unbuffered solutions these cathions increase the height of the wave. Hydrolysis of diethyl

ester of I is catalyzed by bases.

Card 1/1 Polarographic Institute

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927910009-4 CZECHOSLOVAKIA / Physical Chemistry Electrochemistry.

Abs Jour: Ref Zhur-Khimiya, No 11, 1958 35 556

: Kuta Jaroslav Author

: Not given Inst

: Comparison of Hydrogen Excess on Dropping and Title

Flowing Mercury Electrodes.

Orig Pub: Chem. Listy, 1957, 51, No 7, 1274-1282

Abstract: Polarographic curves have been plotted with the application of dropping and Flowing Mg-Electrodes, at relatively high concentrations (up to 0.1 N) of strong acids in the presence of an indifferent electrolyte overtension at 1 3 · 10-5--0.1 a/cm-2. A timing device for the regulation of the drop formation has been applied in the case of the dropping electrode. The (1,t) curves of the first drop have been plotted. The experimental

Card 1/3

CZECHOSLOVAKIA / Physical Chemistry. Electrochemistry.

Abs Jour: Ref Zhur-Khimiya, No 11, 1958,35 556

Abstract: findings for the mean current density value i on the dropping electrode are expressed by the equa-

tion E=const+(2RT/F)ln[H+]-(2RT/F)ln I. The time dependence of the instanteneous current (1=ktn) varies with the applied voltage before reaching the limit current id, so that n drops from 0.6 (lower section of the curve) to 0.5 (at E 1/2)

and to 0.22 (after reaching id). On the application of a flowing electrode id is determined by a dif-fusion. In this case E 1/2 is negative in rela-

tion to E 1/2 of a dropping electrode with respect to the value (RT/F)ln(t/t1) (t - contact time of Hg-flow with the solution; t1 -- dropping period). Equations permitting to compare over-

Card 2/3

CZECHOSLOVAKIA / Physical Chemistry. Electrochemistry. P

Abs Jour: Ref Zhur-Khimiya, No 11, 1958. 35556

Abstract: tension measurements at 1 constant with polaro-

grathic overtension measurement have been derived.

Card 3/3

18